

**Program European Summer School**  
30 June - 4 July 2020 (Strasbourg- Karlsruhe)

**Radiation Measurements and Radiochemistry  
in Environment and Decommissioning**

<b>Tuesday June 30</b> Faculty of Physics and Engineering	
16h – 18h00	Registration and Poster installation
18 h - 20h00	Welcome Reception
<b>Wednesday July 1<sup>th</sup></b>	
08h30 -9h00	Opening and Welcome : Prof. Catherine FLORENTZ : Vice President of Strasbourg University Prof. Abdel-Mjid NOURREDDINE : Dean of Faculty of and Engineering
09h00 – 10h15	How did Earth generate and operate more than 15 Natural Nuclear Reactors Speaker : Prof. Benoit GALL, IPHC University of Strasbourg
10h15 - 10h45	Coffee break and poster session
10h45 - 12h00	Accurate measurement of uranium isotope ratios in solid samples by laser ablation multi-collector ICPMS Speaker : Dr Thierry WISS, European Commission, Joint Research Centre , Karlsruhe
12h00-13h30	Lunch
14h00 – 18h00	Experimental work (IPHC)
18h30 – 20h00	Social program (welcome reception at the Hotel de Ville)
<b>Thursday July 2</b>	
07h15	Bus to Karlsruhe Institute of Technology and Institute for Nuclear Waste (Germany)
09h00 - 09h15	Welcome at INE and Introduction
09h30 – 10h00	Research towards radioactive waste disposal at KIT-INE Speaker : Prof. GECKEIS Horst, KIT-INE
10h00 – 11h00	To be confirmed
11h00 – 12h00	To be confirmed
12h00 – 13h00	Visit : Synchrotron based X-ray spectroscopic characterization of radionuclides
13h00 – 14h30	Lunch
14h30 – 16h30	Visit KIT-INE laboratories
17h00	Retour Bus

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<b>Friday July 3</b> Faculty of Physics and Engineering	
09h00 – 10h15	Overview of the activity of the French radioactive waste management Agency Speaker : Marie-Delphine SALSAC, ANDRA, Paris
10h15 - 10h45	Coffee break and poster session
10h45 - 12h00	ActiWiz: a software tool to optimize radioactive waste from facility design to decommissioning Speakers : Christian THEIS and and Dr. Helmut.VINCKER CERN, Geneva
12h00-13h30	Lunch
14h00 – 15h15	Uncertainty determination for activity measurements by means of liquid scintillation counting methods Speaker : Dr. Philippe CASSETTE, LNHB, Saclay
15h15 – 16h30	What does a scientist do in the private sector - a look at R&D activities at a radiation detection systems manufacturer". Speaker : Dr Nicolas MARTIN-BURTART, Radiation Solutions Inc, Canada
16h30 – 17h00	Coffee break and poster session
17h00-18h30	Round table on decommissioning project of a power plant in France
20h00 – 22h00	Social program Evening entertainment : Tartes Flambées (Ancienne Douane Restaurant)
<b>Saturday July 4</b> Faculty of Physics and Engineering	
9h00 – 10h15	Nondestructive nuclear measurements and radiation detection in nuclear fuel cycle : from mining to dismantling Speaker : Prof. Abdallah LYOUSSI, CEA Cadarache
10h15 - 10h45	Coffee break and poster session
10h45 - 12h15	Oral Presentation of experimental work
12h30	Closing of the European Summer School